## **EAST Search History**

| Ref<br># | Hits  | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|---|--|---------------------|---------|------------------|
| LI       | 1     | "4710803".pn.   | USPAT  | OR                  | OFF     | 2007/11/26 10:23 |
| L8       | 1     | "6750437".pn.   | USPAT  | OR                  | OFF     | 2007/11/26 10:23 |
| L9       | 0     | ("6750437").URPN.   | USPAT  | OR                  | OFF     | 2007/11/26 10:23 |
| L10      | 8     | ("4410804"   "5426292"   "5451766"   "5463216"   "5471515"   "5949483"   "6137535"   "6141048").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR                  | OFF     | 2007/11/26 10:23 |
| LII      | 9     | ("4710803").URPN.   | USPAT  | OR                  | OFF     | 2007/11/26 10:35 |
| L12      | 9     | ("5119181").URPN.   | USPAT  | OR                  | OFF     | 2007/11/26 10:37 |
| S463     | 374   | 348/272.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR                  | OFF     | 2007/11/09 12:22 |
| S464     | 417   | 348/273.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR                  | OFF     | 2007/11/09 12:22 |
| S465     | 101   | 348/275.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR                  | OFF     | 2007/11/09 12:22 |
| S466     | 186   | 348/280.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR                  | OFF     | 2007/11/09 12:22 |
| S467     | 158   | 348/315.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR                  | OFF     | 2007/11/09 12:22 |
| S468     | 3805  | 250/208.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR                  | OFF     | 2007/11/09 12:22 |
| S469     | . 225 | 348/254.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON .    | 2007/11/09 12:25 |
| S470     | 5018  | (S463 S464 S465 S466 S467 S468 S469)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR .                | OFF     | 2007/11/09 12:22 |
| S471     | 405   | 348/229.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2007/11/09 12:31 |
| S472     | 8     | S471 and (light adj1 receiving adj1 areas)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR<br>\             | ON      | 2007/11/09 12:51 |

## **EAST Search History**

| S473 | 133    | S471 and (gain near2 (increas\$3 reduc\$4 minim\$5))   | US-PGPUB;  | OR | ON   | 2007/11/09 12:34 |
|------|--------|--|--|----|------|------------------|
| 54/3 | 133    | 5471 and (gain near2 (mcreass3 reducs4 minims3))   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OK | ON   | 2007/11/09 12:34 |
| S474 | 45     | S471 and ((gain near2 (increas\$3 reduc\$4 minim\$5)) same (iris diaphragm aperture\$1 ((open\$3 clos\$3) adj1 stop\$1)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON . | 2007/11/09 12:37 |
| S475 | 39     | S471 and ((gain near2 (increas\$3 enlarg\$4 maxim\$5)) same (iris diaphragm aperture\$1 ((open\$3 clos\$3) adj1 stop\$1))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/11/09 12:49 |
| S477 | 24     | S471 and ((gain near2 (decreas\$3 reduc\$4 minim\$5)) same (iris diaphragm aperture\$1 ((open\$3 clos\$3) adj1 stop\$1)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2007/11/09 12:42 |
| S478 | 413515 | (main primary high honeycomb\$1 large\$1) near3 (pixcl\$1 cell\$1 photosensitive\$1 photodiode\$1 sensor\$1)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF  | 2007/11/09 12:44 |
| S479 | 3      | (S475 S477) and S478   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF  | 2007/11/09 12:45 |
| S480 | 371336 | (auxillary secondary low\$3 small\$3) near3 (pixel\$1 cell\$1 photosensitive\$1 photodiode\$1 sensor\$1)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF  | 2007/11/09 12:45 |
| S481 | 8      | (S475 S477) and S480   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF  | 2007/11/09 12:46 |
| S482 | 452639 | (areas portions second two) near2 (pixel\$1 cell\$1 photosensitive\$1 photodiode\$1 sensor\$1)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF  | 2007/11/09 12:47 |
| S483 | 4      | (S475 S477) and S482   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF  | 2007/11/09 12:48 |
| S484 | 2331   | (low adj1 sensitiv\$3) near2 (pixel\$1 cell\$1 photosensitive\$1 photodiode\$1 sensor\$1)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF  | 2007/11/09 12:47 |
| S485 | 0      | (S475 S477) and S484   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF  | 2007/11/09 12:56 |

## **EAST Search History**

|      |      | T  |  | , <del></del> | 100   | ,                |
|------|------|--|--|---------------|-------|------------------|
| S486 | 43   | S470 and S484  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR            | OFF   | 2007/11/09 12:47 |
| S487 | 2681 | S470 and S482  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR            | OFF   | 2007/11/09 12:48 |
| S488 | 3    | S487 and ((gain near2 (increas\$3 enlarg\$4 maxim\$5)) same (iris diaphragm aperture\$1 ((open\$3 clos\$3) adj1 stop\$1))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR            | ON    | 2007/11/09 12:50 |
| S489 | 737  | HARADA near2 KOICHI  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR            | ON    | 2007/11/09 12:50 |
| S490 | 134  | S489 and sony  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR            | ON    | 2007/11/09 12:50 |
| S491 | 1    | S489 and (light adj1 receiving adj1 areas)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR            | ON    | 2007/11/09 12:51 |
| S492 | 40   | gain with S484   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR            | OFF . | 2007/11/09 12:57 |
| S493 | 3    | "754498".ap.   | US-PGPUB   | OR            | OFF   | 2007/11/26 10:12 |